Course Syllabus

EMSP 2262 – Emergency Medical Technician – Paramedic Clinical

Catalog Description: A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional.

Prerequisites: BIOL 2404 or 2401, EMSP 1501, EMSP 1361, EMSP 1438, EMSP 1356, EMSP 2306, EMSP 2260, EMSP 2544, EMSP 2534, EMSP 1355, EMSP 2330, EMSP 2261 a current Texas EMT certification, and current AHA BLS and ACLS certifications.

Co-requisites: EMSP 2305, EMSP 2143

Semester Credit Hours: 2
Lecture Hours per Week: 0
Lab Hours per Week: 0
Extended hours: 96
Contact Hours per Semester: 96

State Approval Code: 51.0904

Class section meeting time:

Alternate Operations During Campus Closure: In the event of an emergency or announced campus closure due to a natural disaster or pandemic, it may be necessary for Panola College to move to altered operations. During this time, Panola College may opt to continue delivery of instruction through methods that include, but are not limited to: online learning management system (CANVAS), online conferencing, email messaging, and/or an alternate schedule. It is the responsibility of the student to monitor Panola College's website (www.panola.edu) for instructions about continuing courses remotely, CANVAS for each class for course-specific communication, and Panola College email for important general information.

Instructional Goals and Purposes: The purpose of this course is to demonstrate the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry; and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

Learning Outcomes:

1. Repeatedly demonstrated the ability to perform a comprehensive patient assessment, formulate and implement a treatment plan for the total number and types of patient presentations as specified in the currently approved version of the Paramedic Course Terminal Competencies.

2. Serve as the Team Leader* for at least 20 pre-hospital emergency responses under the direct supervision of selective EMS Preceptor(s).

3. * A successful Team Lead is defined as the student demonstrating the ability to conduct a comprehensive patient interview and physical examination while formulating a field impression, directing the treatment, determining patient acuity, disposition, packaging and moving the patient (if applicable). To be considered a competent practitioner, the student must perform the appropriate actions with minimal to no prompting by the preceptor and no action should be initiated or performed that endangered the physical or psychological safety of the patient, bystanders, or other responders.

Specific Course Objectives (includes SCANS):
After studying all materials and resources presented in the course, the student will be able to:

1. Complete an orientation of expected behavior before, during and after a response with the ambulance crew. (1A Ii, iv, v; Ci, ii, iii, iv, v; 2Di; Ei, ii, iii)
2. Locate, inspect, and prepare each piece of equipment for use on the ambulance. (1A Ii, iv, v; Ci, ii, iii, iv, v; 2Di; Ei, ii, iii)
3. Practice loading and unloading the ambulance stretcher with and without a patient. (Ei, ii, iii)
4. Lead and review the treatment of trauma cases and medical emergencies. (1Ai, iv, v)
5. Lead in triaging patients (1A Ii, ii, iv, v; Bii, iii, iv; Ci, ii, iii, iv, v; 2Ci, ii, iii)
6. Provide hemorrhage control; and splinting, airway management, cases of cardiac arrest to include the performance of CPR, Administration of Epinephrine in allergic reactions and the administration of a bronchodilator with an inhaler. (1A Ii, ii, iv, v; Bii, iii, iv; Ci, ii, iii, iv, v; 2Bi, ii, iii, iv; Ci, ii, iii; Ei, ii, iii)
7. Direct and participate in the management of cardiac arrest through the use of an AED, medications and airway maintenance. (1A Ii, Ii, iv, v; Bii, iii, iv; Ci, ii, iii, iv, v; 2Bi, ii, iii, iv: Ci, ii, iii; Ei, ii, iii)
8. Discuss and demonstrate application of didactic knowledge during hospital clinical and EMS internships. (1A, iv, v: Bii, iii; Ci, ii, iii, iv, v; 2Ai, iii, iv; B I, iii, iv, vi; Ci, ii, iii; Ei, ii, iii)
9. Discuss and demonstrate knowledge of clinical facilities, roles and responsibilities of an EMT intermediate candidate. (2Ai, iv; Bi, iii, vi; Di; Ei, ii, iii)
10. Discuss and demonstrate application of didactic knowledge during hospital clinical and EMS internships. (1Aiv, v; Bii, iii; Ci, ii, iii, iv, v; 2Ai, iii, iv; B I, iii, iv, vi; Ci, ii, iii; Ei, ii, iii)
11. Discuss and demonstrate knowledge of clinical facilities, roles and responsibilities of an EMT intermediate candidate. (2Ai, iv; Bi, iii, vi; Di; Ei, ii, iii)
12. Function as a team leader in the EMS internship setting focusing on treatment of both traumatic and medical emergencies in which the appropriate medical care is applied. (2i, iii, iv, vi)
13. Identify and apply basic and advanced skills needed including the performance of patient assessment skills during the treatment of all patients encountered in the EMS setting. (2Bv; Ci, ii, iii)

Course Content:
A general description of lecture/discussion topics included in this course are listed in the Learning Outcomes / Specific Course Objectives sections of this syllabus.

Students in all sections of this course will be required to do the following:

1. Ambulance rotations with approved capstone preceptor.

2. Repeatedly demonstrated the ability to perform a comprehensive patient assessment, formulate and implement a treatment plan for the total number and types of patient presentations as specified in the currently approved version of the Paramedic Course Terminal Competencies.

3. Serve as the Team Leader* for at least 20 pre-hospital emergency responses under the direct supervision of selective EMS Preceptor(s).

4. * A successful Team Lead is defined as the student demonstrating the ability to conduct a comprehensive patient interview and physical examination while formulating a field impression, directing the treatment, determining patient acuity, disposition, packaging and moving the patient (if applicable). To be considered a competent practitioner, the student must perform the appropriate actions with minimal to no prompting by the preceptor and no action should be

initiated or performed that endangered the physical or psychological safety of the patient, bystanders, or other responders.

Methods of Instruction/Course Format/Delivery:

This course is offered in a clinical setting as a clinical experience.

Major Assignments / Assessments:
The following items will be assigned and assessed during the semester and used to calculate the student's final grade.

Assignments

1. Clinical shifts as assigned
2. Clinical paperwork

Assessment(s):

1. There are no exams for this course

Course Grade:
The grading scale for this course is as follows:

92%-100% A
86-91.99% B
80-85.99% C
70-79.99% D
0-69.99%   F

Refer to policy and procedures manual and student handbook for grade appeals.

Texts, Materials, and Supplies:
- Panola College clinical uniform
- Personal stethoscope
- Paramedic student ID badge to wear during clinicals
- Platinum Planner account (instructor will set up)

Recommended Readings:
- Nancy Caroline's Emergency Care in the Streets 9th edition with Navigate 2 flipped classroom access
- Current EMS Field Guide

Other:
- Courses conducted via video conferencing may be recorded and shared for instructional purposes by the instructor.
- For current texts and materials, use the following link to access bookstore listings: https://www.panolacollegestore.com
- For testing services, use the following link: https://www.panola.edu/elearning/testing.html
- If any student in this class has special classroom or testing needs because of a physical learning or emotional condition, please contact the ADA Student Coordinator in Support Services located in the Charles C. Matthews Student Center or go to https://www.panola.edu/student-success/disability-support-services/ for more information.
- Withdrawing from a course is the student's responsibility. Students who do not attend class and who do not withdraw will receive the grade earned for the course.
- Student Handbook, *The Pathfinder:* https://www.panola.edu/student-success/documents/pathfinder.pdf

SCANS CRITERIA

1) **Foundation skills are defined in three areas: basic skills, thinking skills, and personal qualities.**

   a) **Basic Skills**: A worker must read, write, perform arithmetic and mathematical operations, listen, and speak effectively. These skills include:
      i)   Reading: locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules.
      ii) Writing: communicate thoughts, ideas, information, and messages in writing, and create documents such as letters, directions, manuals, reports, graphs, and flow charts.
      iii) Arithmetic and Mathematical Operations: perform basic computations and approach practical problems by choosing appropriately from a variety of mathematical techniques.
      iv) Listening: receive, attend to, interpret, and respond to verbal messages and other cues.
      v)   Speaking: Organize ideas and communicate orally.

   b) **Thinking Skills**: A worker must think creatively, make decisions, solve problems, visualize, know how to learn, and reason effectively. These skills include:
      i)   Creative Thinking: generate new ideas.
      ii) Decision Making: specify goals and constraints, generate alternatives, consider risks, and evaluate and choose the best alternative.
      iii) Problem Solving: recognize problems and devise and implement plan of action.
      iv) Visualize ("Seeing Things in the Mind's Eye"): organize and process symbols, pictures, graphs, objects, and other information.
      v)   Knowing How to Learn: use efficient learning techniques to acquire and apply new knowledge and skills.
      vi) Reasoning: discover a rule or principle underlying the relationship between two or more objects and apply it when solving a problem.

   c) **Personal Qualities**: A worker must display responsibility, self-esteem, sociability, self-management, integrity, and honesty.
      i)   Responsibility: exert a high level of effort and persevere toward goal attainment.
      ii) Self-Esteem: believe in one's own self-worth and maintain a positive view of oneself.
      iii) Sociability: demonstrate understanding, friendliness, adaptability, empathy, and politeness in group settings.
      iv) Self-Management: assess oneself accurately, set personal goals, monitor progress, and exhibit self-control.
      v)   Integrity and Honesty: choose ethical courses of action.

2) **Workplace competencies are defined in five areas: resources, interpersonal skills, information, systems, and technology.**

   a) **Resources**: A worker must identify, organize, plan, and allocate resources effectively.
      i)   Time: select goal-relevant activities, rank them, allocate time, and prepare and follow schedules.
      ii) Money: Use or prepare budgets, make forecasts, keep records, and make adjustments to meet objectives.
      iii) Material and Facilities: Acquire, store, allocate, and use materials or space efficiently.
      Examples: construct a decision time line chart; use computer software to plan a project; prepare a budget; conduct a cost/benefits analysis; design an RFP process; write a job description; develop a staffing plan.

   b) **Interpersonal Skills**: A worker must work with others effectively.
      i)   Participate as a Member of a Team: contribute to group effort.
      ii) Teach Others New Skills.
      iii) Serve Clients/Customers: work to satisfy customer's expectations.

iv) Exercise Leadership: communicate ideas to justify position, persuade and convince others, responsibly challenge existing procedures and policies.

v) Negotiate: work toward agreements involving exchange of resources, resolve divergent interests.

vi) Work with Diversity: work well with men and women from diverse backgrounds.

Examples: collaborate with a group member to solve a problem; work through a group conflict situation, train a colleague; deal with a dissatisfied customer in person; select and use appropriate leadership styles; use effective delegation techniques; conduct an individual or team negotiation; demonstrate an understanding of how people from different cultural backgrounds might behave in various situations.

c) **Information**: A worker must be able to acquire and use information.
   i) Acquire and Evaluate Information.
   ii) Organize and Maintain Information.
   iii) Interpret and Communicate Information.
   iv) Use Computers to Process Information.

Examples: research and collect data from various sources; develop a form to collect data; develop an inventory record-keeping system; produce a report using graphics; make an oral presentation using various media; use on-line computer data bases to research a report; use a computer spreadsheet to develop a budget.

d) **Systems**: A worker must understand complex interrelationships.
   i) Understand Systems: know how social, organizational, and technological systems work and operate effectively with them.
   ii) Monitor and Correct Performance: distinguish trends, predict impacts on system operations, diagnose deviations in systems' performance and correct malfunctions.
   iii) Improve or Design Systems: suggest modifications to existing systems and develop new or alternative systems to improve performance.

Examples: draw and interpret an organizational chart; develop a monitoring process; choose a situation needing improvement, break it down, examine it, propose an improvement, and implement it.

e) **Technology**: A worker must be able to work with a variety of technologies.
   i) Select Technology: choose procedures, tools or equipment including computers and related technologies.
   ii) Apply Technologies to Task: understand overall intent and proper procedures for setup and operation of equipment.
   iii) Maintain and Troubleshoot Equipment: Prevent, identify, or solve problems with equipment, including computers and other technologies.

Examples: read equipment descriptions and technical specifications to select equipment to meet needs; set up and assemble appropriate equipment from instructions; read and follow directions for troubleshooting and repairing equipment.